

March 1 1961 Dacca.

James Cassanos tells us the story of the difficulties with small pox vaccine production here which gave rise to the proposal to accept USSR aid in dry vaccine production..It seems that the ICA furnished two units for production of dry vaccine, brought Gebhardt who worked with the PASB for so long to teach the local technicians how to use the equipment and then left the local organization to its own devices. There is a very good well trained repairman for scientific equipment, educated in the USA at the cost of a trip financed by ICA, who kept the equipemnt for vaccine working well for quite some time but who has since found more lucrative employment outside of government..The bottle neck now encountered is a shortage of vacuum pump oil, which Cassanos is solving by send to the BSMI for it after checking our stock room and finding we have no reserve.

At the airport I report to Burney that negotiations with the East Pak Gov has come full circle with yesterday's suggestion that KAM should be made the disbursing officer of the CRL, a suggestion which was originally made and rejected by JLS before KAM returned from the United States in November, a suggestion which was called to my attention in December and rejected out of hand as not feasible. To make the chief Bacteriologist the disbursing officer and to expect him also, as was suggested yesterday by Brig. Hyder, to personally follow up all requests for materials and sanctions for personnel until these have been complied with, would be to have him acting as a despachante, to use a Brazilian term ...and this can easily become a full time job.

To the airport a second time at 1030 to meet Taba the Regional Director of WHO for the Eastern Mediterranean. Taba is met with the full VIP treatment. (While we are waiting for the plane from Calcutta Dr. Sayyed Ahmed comes out frankly and suggests that he should be hired as the administrative officer of the CRL; says that he had a course of PH Adm in the USA, that he has spent 17 years in administrative work in his own country and that he knows all of the ins and outs of the local scene. I insinuate that I must judge of his qualifications by the amount of material and personnel he has been able to get for CRL in his present position. Unfair! says he.)

Yesterday Brig. Hyder invited me informally in a conversational way to come to dinner tonight to meet LT. Gen. Burki, The Minister of Labor, Health and Welfare. Today I received a formal printed invitation for 2000 hours which left me very much in doubt as to the dress to be used. Wrongly of course I dressed with a white tux and found myself the only one so bedecked in some eighteen or twenty people present. Among those present were the additional governor, M. Islam, A.H. Taba of WHO, the president of the University, Mr. Shuler (Labor ICA), Mr. Beard of the British Bank and others. I had little opportunity to converse with the Minister and apparently made no impression at all; he believes he can see me in Rawalpindi after he serves again as the acting President during President Ayub's absence from the country and after he himself returns from a trip abroad, that is about the middle of April.

March 2. Dacca.

To the American Consulate where I talk for some thirty minutes with the COnsul General. I bring him up to the minute on our lack of development and indicate to him my general thinking up to the present time, namely that we should get out from under the idea that we can do a useful job with Pakistan money from the government under Government administration and that we should go right ahead and make plans for additional financing from the United States and possibly other sources and not use more time demonstrating that it is not possible to work with GOP Adm. Mr Nat King agrees en toto with my arguments.

Taba visits the office; reports that his regional office had no invitation to the Cholera Conference; that the Minister here is determined to carry out the eradication of malaria and small pox and cannot understand the delay and hesitation and almost refusal of the ICA to participate in these projects; that the ICA came in with many people on small pox, imported two sets of equipment for the preparation of dried small pox vaccination, trained them in using the equipment and then left them to their own devices; that the equipment is not adequate to their needs and that a third machine has been ordered at their own expense; that the vaccine production at the present time is tied up through a shortage of vacuum pump oil; that the WHO has tested the dried vaccine produced here and has found it rather dirty

March 2 Dacca Continued.

that is heavily contaminated and of only average potency; that a request has been made to the WHO for a technical adviser in vaccine production and that WHO may eventually send someone in but that WHO would prefer to see ICA carry the ball since the WHO adviser might well be inclined to recommend more up to date equipment than that previously furnished by ICA.....I promise to get all of this information to Jim Cassanos of ICA.....With regard to malaria it seems that the government is determined to carry out eradication even though the estimated cost is something over one hundred millions of dollars of which some forty millions will be required for overseas purchases.. Afridi is on the national malaria council and Col Hashmi, a very able person has been made the head of the program...Roy Frits is to be in West Pakistan sometime in March and has a meeting scheduled with Afridi for the 14th.....Burki apparently does not understand the recent disinterest of the USA in health matters here although from other sources I have learned that some of the health authorities here were very negative in their replies to Palmquist on his recent visit which left him with no alternative but to go along with a reduction in the emphasis on health activities.. Administratively it is easier for the ICA to come up with a goodly number of millions of dollars for a steel mill or something of that kind than it is to try to apply much smaller amounts in the field of health, hence the attitude has been to help the govt on the large programs and assume that the government will be willing to use its available foreign exchange for those things needed from abroad for the health program.

Dr. John Perrigo Fox

Copied Jan 1965

Dacca East Pakistan
March 2, 1961

Dear John:

I have yours of the 26th Feb. which crossed with my two of the 15th and 24th and apparently with another of the 26th. Of these only that of the 24th had a copy sent to Ace Hollister and it is really not convenient for me to send him a copy of this but he probably should have copies of all so he can know what we are thinking...Many thanks for sending me the copy of the Cockburn outline which I had not seen. Here is indeed an industrious chap who is willing to undertake anything.....Comments..Disease control is not keeping a disease at the lowest possible level consistent with the knowledge and resources available but is keeping the disease low enough that public complaints are not too severe....Suppression as defined by TC is really control... I would rather apply the term suppression to J. Moore's program for 'eradicating' congenital syphilis by giving antibiotics to all pregnant women. This will indeed suppress the appearance of the disease but does not take it out by the roots... ..Eradication has really occurred only when the roots of all future infection have been eliminated...TC is trying to define without clearly indicating the intermediate stage in which there may be local, national, regional, or area eradication as the procedure progresses towards total elimination.....The entire paragraph on 'Position at present' is misleading...while it is true that governments must become involved in eradication projects, the individual government is helpless beyond its own frontiers...for the second time reference is made to quarantine as a measure to be used in eradication...while it may be advisable to try to use it at times to force the attention of neighboring countries to the necessity of clearing its territory, quarantine is not to be promoted as a part of eradication...as a matter of fact one of the advantages of eradication is that it permits doing away entirely with quarantine.

I would not be averse to seeing a permanent committee on eradication in the APHA to study what diseases are, following the test applied in 1937 to tuberculosis by Frost, eradicable; and more important still, study how to bring about the complete coverage of all counties in the USA with some type of public health service without which it remains rather difficult to get access to the remaining foci of infection.

I have already sent you a miscellaneous group of suggestions as to program so I shall not attempt to be constructive in commenting on the proposals on page 3 and 4....I do not like the connotation of the heading 'Introduced infection vs. native infection'...how long does an introduced infection have to remain before it becomes a native one?? I would rather think of epidemic areas as contrasted with permanent seed beds of infection, as in the case of cholera. Possibility of reappearance of an eradicated infection..only if eradication has not occurred as was the case with yellow fever thirty years ago...Malaria eradication should probably be handled by someone from the PASB or the WHO to emphasize the different position of the international organization from that of ICA: ICA is limited by political considerations to working with only certain countries in various parts of the world where as the international organizations cover the water front....In poliomyelitis I would try to keep away from the chief controversial figures, Sabin, Cox and Koprowski...Flipse presented his paper on disappearance of virus from Miami the day before Sabin presented his report of its disappearance from Cincinnati..Why not ask Tommy Francis to play with information now available?..For small pox the USPHS has a man by the name of Fredericksen who worked in Iran and in Bolivia with considerable success and is all steamed up about the possibilities of eradication....I hope to be at the meeting but must ask not to be on the program as a speaker...So many people know nothing about Aedes aegypti, that I would suggest having a paper on the eradication of yellow fever and draw lessons from several phases of the operation...

Correspondence to and from Dacca is such and secretarial services are so scant that I am going to be unable to do much from this end of the line.. ..I must leave it to you (with the advice of Ace Hollister or others) to go ahead and fill in the program. How about getting Paul Russell to do the malaria? He is still keeping in touch with what is happening.

March 3rd

March 3rd 1961. Dacca. Morning at the office...Letter to W Wright of Nat Res Council with suggestions for research in the field of yellow fever. I limit suggestions to the mechanism of yf maintenance in areas where monkeys are obviously not the answer and to the basic difference which may or may not exist between city and forest aegypti in Africa.... Richard Towle of ICA calls; reports he has been asked to send a man with a jet gun to vaccinate against cholera in the Chittagong area because of reported outbreaks in that area..Mallick has denied the receipt of reports here and RT is not sure as to the valid basis for the request from the district health officer..However he is starting the operation with a sanitarian and two jets...RT is going to Chittagong next week and expects to bring back a station wagon overland..Why not bring the MB to Dacca overland if there is any delay in shipping?

JLS, RT and I discuss 1.) CRL cooperation in a course which is being given for public health doctors here at the Institute with us furnishing the lectures in epidemiology; there are only five doctors in the present group so the teaching could be of the question and answer type. JLS and I agree to collaborate but are anxious to know more about what is wanted.....

2.) Epidemiological studies to be carried out at the Adamjee Jute Mills where it seems there are some 20,000 employes and some 15 000 resident dependents of employees, under the supervision of three dispensaries, each manned by three physicians. Further investigation of the situation is indicated before making any decision but this may well be the best place to begin epidemiological studies and even to establish techniques for gathering of field data and materials for laboratory examination from civilian populations...RT believes this is one of the largest captive populations available for study.

March 4 61 Dacca

To the office early; learn that today is the first day there has been an attempt to start a regular service of frozen foods here at low air rates from Karachi.....

KAM reports that he informed the authorities yesterday that I was unwilling for him to serve as disbursing officer for the CRL.

J Cassanos calls; first reports the arrival of two gallons of the oil needed for the vacuum vaccine machines but later learns that one contains something else.....it seems that some 15 calves are being inoculated daily (\$75 weekly) producing some 60 to 70 gms of lymph from which it should be possible to produce vaccine for some five hundred thousand people.....the 1961 census figures released today show a population of some 93 million souls in Pakistan, an increase of over 23 % since the last census in 1951.....pop per sq mi in Dacca District is 1761.....

Small Pox vaccination.... it seems that the country is divided into thana, each of which has some 150 000 people with a sanitary inspector for each thana; there are in the various thanas from 10 to 20 unions each with some 10 000 people; the bulk of the vaccination is done by so called health assistants who do nothing but vaccination; there seem to be about 2000 of these vaccinators but to do the job well at least twice this number would be needed...vaccinators work largely by establishing a temporary center in each village in turn and vaccinating all of the people who come for it.

JC reports that he has conversed with Dr. WM C Hollinger (MIT) Ford Foundation Economist whose office is on the floor above Brigadier Hyder's Tel Res 2396 Office 20310 Office in Room 129; WCH believes that it may be possible to solve our problems without resorting to the rewriting of the agreement.

Parsons Water Laboratory. JC reports that the Water laboratory is to be closed out by the Parson interests and no decision has yet been taken as to what will become of it; this laboratory, or at least the people trained in it may be indispensable in the work the CRL may want to do on conditions existing in natural water supplies of various kinds. (Jack R. Snead in charge of lab...Benedict (Pakistani) well trained and might be useful to us.)...Albert W. Braithwaite is the new head of Parsons in place of O'Neill...not sanitary engineer but well driller and administrator...Gordon Mau, previously at Kansas now runs the engineering show for Parsons (PhD from Iowa)

Tube Wells; a new name to me for the type of driven well with which I grew up in Kansas; these were introduced by ICA and have been so successful that GOP is now willing to use its own exchange to purchase pipe, pumps and strainers, all of which are to be made here in the near future....The governor wants installation at the rate of 20 000 wells a year; will probably not reach this number this year due to the fact that an attempt has been made to have the villagers install the pumps with their own labor rather than use trained operators for the task. The present goal is to have one well for each 400 people; it is recognized that this is not enough and when it is reached the govt will immediately try for one well for each 200 inhabitants.

Latif is the engineer in charge of the tube wells; his present goal calls for 125 000 wells of which probably 70 000 have been installed. (Wells last probably about ten years before they have to be pulled and resunk with a new strainer). In discussing the contamination through the use of dirty water for the purpose of priming I suggest that a reserve tank could be built in very easily so that the customer only got the overflow, with a reserve always available for priming....JC believes Latif will be cooperative if we want to try to study the effect on cholera in village populations with varying concentrations of pumps...JLS suggests that the wells should be placed as close as possible to the tanks to give the well an even chance for ease in getting water for the families living near the tanks.

High Salt water Level in the lowest lying areas is one of the really difficult problems in the area;; many of the wells cannot be sunk more than fifteen or twenty feet before striking salt water...this makes the installation of wells in this area almost a custom job for each well.

March 5th Sunday..Some usefull work done at home.

March 6th. Dacca. Early to the office of Mr. Edwards at ICA; I give him the story of developments up to the present time, indicating that I believe the opportunity here is so important that no consideration should be permitted to block the proper development of the program...before going forward to government with radical proposals I believe we should follow up the Hollinger lead; CE suggests an informational visit to the governor to which I agree; also suggests a discussion with Fred Bunting next week in Karachi to which I also agree setting the date for arrival on the 15th and return on the 17th. (The purpose of this visit is to propose spending of available funds, both dollars and rupees, as needed without consideration of the length of period of the contract; also to discuss changes which may be made in the agreement between the two governments.)

Register in at Government House by signing the Book.

MARCH 7 To-day might be termed visitors day; Moheyeddin Farid of the EMRO Malaria Office, Mr. Hayward, the Assistant Executive Secretary of UNICEF, Mr. Christianson of UNICEF. Mr. Da Silva of UNICEF Dacca, Dr. Pavcek, USA, now with WHO or FAO in connection with the proposed nutritional survey in Pakistan, in part financed by the ICNND, Major Siddique, of the Nutrition Survey, Dr. Kalamuddin, Associate Professor of the Dept of Biochemistry, and Dr. John Maier, of the Rockefeller Foundation.

EXAMINATION of SECRETARIES

M. Farid says that he believes there is going to be a good chance of getting a good program started here under the autonomous organization which has been established.

I give Hayward and Maier a fairly down to earth picture of the actual situation but a glowing description of the importance of the problem and the great value to the world of the opportunity which exists here now.

Farid and Maier have an opportunity at different times in the day to see the way the other half lives at Momin House.

March 8th. Dacca. Yesterday I called and found Brig. Hyder busy with the weekly staff meeting; this morning he was busy with the visit of a commissioner from Rawalpindi but we do have an opportunity to talk with partial privacy. I explain to H that the cause providing for the participation of the GOEP in the administration of the CRL was not accepted as stated in the draft agreement last year and that it came as a great surprise to me when I learned that in spite of this deletion and the promise which had been made to me that there would be a free hand in the operation of the Laboratory the Public Health Service here is responsible for the administration under instructions from the Central Government. I point out that the success of the cholera effort is going to depend on the close cooperation of the CRL and the health department; that I recognize that he has the strongest desire to help in every way possible but that experience has shown that governments, and this does not refer only to the situation in Pakistan, which do not have research projects of their own well developed never have the administrative machinery adapted to the needs of such projects. I indicate that I am going to attempt to get approval for a free type of administration under the present agreement and at the same time press for a re-writing of the agreement to take care of certain points which are not entirely clear. (Among these is the fact that this is not planned as a bilateral project with counterpart personnel at every level, that the project may not necessarily be turned back to the government at the end of three years etc.) I am anxious that H should understand that my action in this matter is not to be construed as a criticism of him but rather as an exposition of the needs of a research program international in character.

Mch 8 Dacc a continued.

Brigadier Hyder once more insists that we should accept the intervention of Dr. Mansur as the Disbursing agent; he finds it difficult to understand my reasons for refusal; believes that it will only take a few minutes a day for Dr. Mansur to sign the papers I indicate need signature!!!!!!(I cannot put Dr. Mansur in the position of signing papers unless he has the time and takes the time to know something about the details of the expenditures for which he is signing. Furthermore I am unwilling to take the only bacteriologist we have on duty to make an administrative officer and despachante.)

Towards the end of our conversation H suggests that I should see what can be arranged through Mr. Hollinger who is in touch with the financial people who are the ones making all the difficulties.

Call Mr. Hollinger who agrees to come to Momin House to discuss our troubles late in the afternoon. After I have had a opportunity to give him the history of the development of the CRL and something of the details of the financing and of the difficulties encountered in administration, but before H has had a opportunity to give me all of the answers, the electric current cuts off and interrupts the meeting. We check the fuses and H goes off in his car to find an electrician of the company to trace the difficulty which may be entirely local since the neighboring house is still illuminated. H returns three hours later at 20 00 o'clock, only to find that the lights had come on an hour earlier, without any apparent reason. (These are some of the difficulties of living without a phone and without a car of one's own on the grounds.)

March 9. Three days ago we received a letter from JES replying to ours of the 7 Feb referring to the use of PL 480. Our suggestion is like by JES but he is having some difficulty in selling the idea to others. Matter under advisement but the suggestion is made that it is already almost too late to make arrangements to use this money to pay for the expenses of workers from outside the country who might be here for the pre-monsoon epidemic this year!!!!

Yesterday came a cable indicating that there is still under consideration up to the 20th of this month the possibility of Blackwell (R.Q., Asst Professor and Head of the Department of Biochemistry at the Dental School of North Western University) and Huber, (Lt. Com. G.S.) coming here for studies this year. At first I favor their not coming but on second thought consider the possibility of this being the best and most propitious method of getting this project ready for the road in 1962.

With CE call on the Governor of the Province and have an opportunity to outline for him the ~~sub~~ of the organization of the CRL and something of what the future holds for this effort if it can be made administratively efficient. I point out that I have nothing to request at the present time, that the effort is being made through Mr. Hollinger at Dr. Hyder's request to get a satisfactory set up. The Governor assures me that I am to come to him for anything that may be needed.

Make arrangements to go to Karachi somewhat earlier because of the possibility of participating in the malaria discussions. (Once a tropical tramp always a tropical tramp!)

March 10 ⁴ Dacca . Comments on the Exchange of Letters of October 14th 1960 constituting an agreement between GOP and GUS for Cholera Research Laboratory.

This agreement was made pursuant to paragraph 2 of the Agreement of May 29 1959 between the Secretary General of the South East Asia Treaty Organization and the Representative of the United States of America on the Council of SEATO.....

Consult copy of this May 1959 Agreement....

"The target date for commencing operation of the laboratory will be October 1960"

The Pakistan SEATO Cholera Research Laboratory will be 'jointly equipped, operated and financially supported by the GOP, the NIH, the ICA, ' and such other of the member nations of the South East Asia Treaty Organization as may hereafter associate themselves with this project.'

Of the \$400 000.00 made available for the SEATO Cholera Research Program in accord with the agreement of May 29 1959, \$227,500. has been allocated to the project in Pakistan. In addition another \$137,500. has been budgeted for general expenses, which it is not feasible to break down between the Pakistan and other phases of the Seato Cholera Program. Since the principal project activity and the laboratory is to be in Dacca, the greater part of this expenditure will be for the benefit of the Pakistan project .

"2....

2. ICA will provide, through NIH, for:

- a. General scientific and administrative responsibility for the direction of project activities including field studies;.....
- b. the establishment of an International Committee on Cholera Research to provide project guidance and to evaluate progress of this project and of the program as a whole.....

(Were this operative at the present time the members of this committee would be, Representatives of Pakistan, the United States, of Jefferson Medical College, the Sec Gen of SEATO and a representative of NIH.) This Committee should meet once each year.....

- c. special advisory committee to the Director of NIH...
- d. staff....
- e. design of laboratory
- f. procurement and delivery etc,.... "Title to all equipment will be in NIH until termination of this agreement as hereinafter provided at which time title to such equipment will vest in

the GOP for use in carrying out the continuing operation contemplated by this agreement:

- g. three vehicles with same title arrangement...
- h. assignment to to the project for periods of consultation of such specialists experts or consultants as shall be deemed necessary by the Director of the Laboratory.

"B....3....c" calls for payment of travel grant during 1960 for one Pakistani scientist....how shall we meet the needs for additional training?

C. Contributions and Responsibilities of the Government of Pakistan...

1. The Gop will provide for;

c. the payment of all local recurring operating costs of the laboratory, including utilities, miscellaneous repairs, animal feed and bedding, raw materials for bacteriological media, stationery and postage;

d. staff....twentytwo persons enumerated with possibility of two additional young physicians if needed.

e. the operation including the full medical responsibility of a small (approx) ~~sholezz~~ sholezz and dysentery ward in the Institute of Public Health (20 bed) Building.....

f. small apartment

g. animal house

h. separate contingency fund, 5000 Rs per month...costs of project activities outside regular recurring operating expenses of the laboratory...monthly report...post audit.

i.the availability of annual recurring expenditures to operate the PAK/SEATO CRL, the annual amount not to be less than Rs. 150 000. "All proposals for expenditure of these funds shall be submitted to the concurrence of the Financial Adviser to the Government of East Pakistan, Development Dept., who will act as finance officer of this project. Records of expenditures from these funds shall be available to the GOP for purposes of post audit at all reasonable times:"

j. the establishment of an Advisory Committee in Dacca, chaired by the Director of Health Services, GOEP, to advise the Director of the Pak Seato CRL in operational and administrative problems.

March 11th 1961 Dacca.

To the Government Bldg where I fail to find Hollinger but do find Col. Mallick and later Brigadier Hyder...With Mallick I discuss the necessity of setting up a single administrative mechanism for handling both Government and outside funds..M cannot understand why I ma unwilling to have Mansur act as disbursing agent for gov't funds...I explain once more that I

am unwilling to have one responsible for funds unless he is at the same time taking sufficient part in the spending of the funds to know how they are spent and so long as KM is responsible for Bacteriology I want him to devote himself to that field...M believes that all we have to do is to present a program for the field and be willing to collaborate and everything will be handled rapidly. M believes that it is necessary to change the agreement and constitute an autonomous body if the CRL is to operate in the way I desire whereas I suggest that it can all be done under the existing agreement if the Central Government changes

its instructions to the GOEP.....Advise Brigadier Hyder that I am going to Karachi and that I expect to participate in the discussions of malaria, either directly or indirectly since I was until recently consultant in malaria eradication to the ICA Headquarters.

Discusses with JLS some of the points at issue;

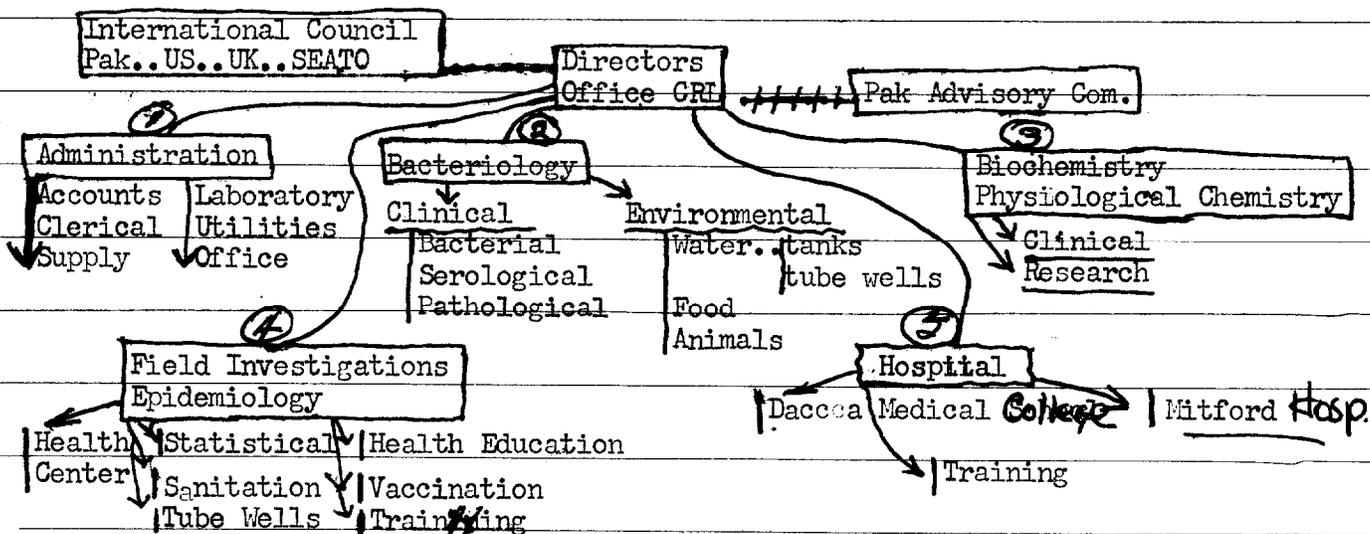
1. Secretary...JLS sur-

prises me with an application from the Secretary of Brigadier Hyder which has come to us through channels...i.e. through Hyder's office itself. This man is apparently experienced able and informed regarding the procedures of the PHS of the GOEP...to the insinuation that he might carry tales I relate the story of

Our Lady of Memphis the Patron Saint some years ago of the PAHO.... I suggest that JLS check this matter with Hyder personally and have the appointment made.

2. With regard to the field studies, I authorize JLS to make up a personnel list in accord with our previous discussions and those of today for presentation to Brigadier Hyder for sanctions before my return from Karachi.

3. Ask JLS to draw up plan of operations for staff for CRL in accord with the following outline, slightly modified from that of JLS, and with the addition of provision for the administration of the Cholera Research Ward....



Suggest pooling all accounts to best use available funds.

Money in the bank!!!!

.....Legal limit to nursing service in gov't

HOSPITALS w/ 1 nurse to 10 beds = Obviously inadequate for a 20 bed unit.

Points for consideration in writing to JES after March 11....

1. FLS picked up in Pakistan for local allowances..Dacca II-8-1330 0'clock.
2. Missed seeing Burki in Pindi because of Queen's visit..Horse Show
3. Sheri promised 5000 Rs monthly plus direct contact with finance officer
4. Learned from Bokhari of concentration of everything in proposed national institute of health (confirmed by news of plans for BMSTI)
5. Meet Pacek of ICNND...later in Dacca with WHO? UNICEF? FAO?
6. FB interested and will help..already has spoken to Minister of Finance.. (is naturally worried by the GOP concentration on NIH in Pindi)
7. Saw JK in Dacca: suggested seeing Burki. (Muffed attempt to see B in Dacca)
8. Learned from Bokhari of a Cholera meeting called for Pindi on Feb 13: on Arrival in Dacca learn that Mansur has been ordered to go to Pindi: I offer Mallich an opportunity to get me an invitation; none forthcoming.
9. KAM has continued studies with special media and with Pseudomonas.
10. Ramzan began on the 20th
11. Bacteriology Laboratory on schedule at the end of October 1960..all else has been paralyzed through a failure to have funds and to get action on requests made orally and in writing to authorities; secretary, stationery, carbon paper, drapes, animal cages, animal food, etc etc.
12. No funds can be spent without specific sanction in each individual case; no freedom in purchase, in hiring, in firing etc...No flexibility.
13. Method of getting supplies..e.g. Central Medical Stores..Jan 12,,KAM-II-21
14. No records in CRL of amount spent on various items from GOP funds; no information as to what is still available...Sayeed Ahmed acts really only as post office for requests..apparently does not have the people to keep the kind of accounts which we need! He moves papers through his office promptly..but assumes no further responsibility. Questions my sanity in asking for four typewriters..only 1 typist!!
15. GOEP Health Service cannot understand why we have refused and still refuse to accept people for positions which have been sanctioned for some months...I refuse to have more people until we have an office staff to help keep the records on what they do..I refuse to fill the building w with untrained people without knowing when we are going to be able to move freely in getting help in training them.
16. S A believes I should make some concessions to the fact that we are working in an under developed country..My answer is that I never worked with my own government until two years ago...
17. No move to do anything about the hospital until MCH 2nd when it was promised to be ready for occupancy by the 23rd...not occupied, but ready.
18. JLS has been unable to get any written replies to his requests for procedural information...arrangement between GOP and GOEP are unknown to us..apparently GOP signed the agreement and then told the GOEP to carry it out...The first time JLS mentioned the fact that the agreement had certain provisions he was brushed off with the explanation that the agreement meant nothing in the face of their regulations.
19. In a department which does not write letters there is no understanding of the needs of an international effort which must communicate with numerous over seas persons in order to get activities lined up and to keep informed of what is going on in different parts of the world.
20. Initial struggle with cold, dust, asthma, antibiotics, codeine etc

21. After repeated conferences finally arrange a conference to end all conferences: Islam, Hyder, Mallick, Stockard and Soper.. Come out with first document: 1. FLS to have 5000 RS monthly, 2. FLS to be made disbursing officer for the Cholera Fund, 3. Having these funds will not enable FLS to spend them, except of occasional incidental contingent expenses, and such personnel and projects as may have been sanctioned!! 4. FLS is requested to submit blanket or extensive request for sanctions for needs relating to field program. Once approved this program could then operate un the blanket sanction fo all parss of it..
22. Find KAM put in a list of publications and books to be purchased by UK fund which were not cleared with anyone else;;these are now being purchased and some of them do not look too attractivve.....KAM also arranged to receive intestinal viscerotome from Gangarosa
23. Obvious that Burney expected to see a NAMRU type operation here or a project such as that now at Bangkoj with 17 people of Walter Reed.
24. Rice Institute Manila...Ford..\$7 000 000....RF..\$500 000 annually.
25. Asked Edwards help on Inventroy etc about the end of Feb.
26. Ask for APHA volumes on Communicable Diseases and on Control of Mat-nutrition in Man.
27. Difficulties inherent in running a program in Pakistan..ADM..direct
28. Difficulties in running a Hospital..limit of one nurse to ten beds...
29. Lack of telephone...
30. Seato Meeting...Rusk...
31. WC Hollinger...to Islam...chance remarks heard at JLS party..."Gov. must learn to put research men on proper pay scale...must be ready to tailor salary to the individual and his preparation and capacity...research projects must be financed on the basis of grants in aid... the director must be carefully chosen and then be given freedom of action...considerable amounts of money can be attracted at the present time once the framework of research including staff exists...." Of course I get in the discussion and ask H to write this down for the consideration of Islam in connection with our problem.
32. The Director of thePSeato Laboratory is not subordinate to the Health authorities of Pakistan...relationship to Seato and to the USA and to the UK must be taken into consideration.
32. Hear from Jim Cassanos that the PI\$80 funds are available in Karachi.
33. Agreeemnt calls for the first priority to be the installation of a Bacteriological Laboratory with the target date of October 1960. This target was met and first cholera isolations were made in November... Most of the work of istallation of material which had been shipped from New York was done before the actual signing of the agreement which was on October 14th 1960...Since then very little has happendd.....
34. Analysis of the agreemnet shows that it is written with the GOP;the GOEP is mentioned only twice; 1.the Director of the Health Service GOEP is to be chairman of an advisory committee;2. expenditures against the 150 000 Rs annual Pak fund for recurring expenses are to be cleared with the Financial Adviser to the GOEP.....it looks from reading the agreement as though it was really written for the puporse of establishing an autonomous unit under the control and supervision of an international committee of the participating agencies; those at the present time would be the Pak Gov. the USA, The Uk and Seato, and of course the NIH, quite apart from the political rep of the USA.

and CE and make reservations for the 15th March, returning on the 17th.

p. 62
Tell CE that we must get ~~for~~ ^{off} ~~the~~ ^{dead} center but must do so in such a way that we can work easily. I indicate that the Pakistan financial contribution is of no great importance in considering the overall importance of the problem and suggest that we be ready to increase considerably the money to be paid by USA as soon as we are ready to work.

Letter from JES reports his ^{deliberations with} ~~that~~ the method of handling PL 480 funds suggested in my letter of Feb. 7th but indicates that others in DC are not so enthusiastic; however, it seems the suggestion will be accepted but (says JES) not in time to have this money used ~~to pay~~ to pay for visiting scientists this season. This takes the ~~money~~ ^{long} ~~for~~ my back for a short period, ~~long~~ ^{long} enough, ~~on the~~ ^I hope, to be able to get a new agreement worked out with the GOP.

Visit the malaria service and find Moheyeddin Farid here.

N. Islam ^{provided} ~~provides~~ the best of the group which came for the steno test today. (21 were called, 7 appeared and only 4 submitted papers.) N. Islam had errors involved ^{ing} 40 words of the dictated material of about 300 words!!!

p. 63
SUNDAY- MARCH 12, DACCA :

Dacca to Karachi PIA 100 - 1430-2015. Met by J. Cassanos; to his home to sleep.

MARCH 13 : KARACHI :

Talk to Mr. Gulick, ^{Ph.D.} ~~Ph.D.~~ from ^a Harvard, Acting Chief of USOM.

Discuss CRL with Owens and Siegel proposing activation of various ~~XXXXXXXX~~ clauses of the agreement and greater ^{autonomy} ~~automation~~ than has been written into the agreement !

^{visit} Dr. Sherif and Mr. Dhamee (MI for Mohammed Ibrahim) and explain how difficult the administrative situation is; their analysis emphasizes my own impression that the GOEP is afraid of being left with ~~a~~ a high salaried staff two years from now when the project, according to the present agreement, should be taken over by GOP/GOEP. I point out that this is groundless because this is to be set up to do a job and by no stretch of the imagination, is it

p. 65) determination of the Government to eradicate malaria, to ^{promote} ~~permit~~ which I visited
I visit Karachi in 1955 without avail.

p. 66
MARCH 16TH -

KARACHI/DACCA - Leave K on 0700 arrive 1315 on flight 101 PIA.

JLS on the ^{Mo} ~~Evening~~ of 13th (Monday) ask/for ^{-ed} attack rates (Tal-
akuder) by Thanas. These are promised in the next two weeks. Hyder suggested
that his secretary should not be hired without advertising the new position
at Rs. 350.00.

Hyder asks for plan for field studies with time schedule and asks
that such studies start while the battle for administrative liberty proceeds.
(JLS assures Hyder that he will prepare a plan but that there is no way to
start field studies before it is possible to keep records and that records
cannot be kept without an office staff.)

On reaching the office S finds the statement from the office of
the Director of Health Services showing that typewriters cannot be given beca-
use only one machine is allowed for each typist or for each...^S...clerks !
(I tell S that this is the document we have been waiting for; it epitomizes
each problem better than anything else we have in hand to date.)

W. Hollinger read the agreement and concluded that the GOP, not the
GOEP, is responsible for ~~any~~ money for GRL. (Transportation Agreement
referred to by H. spells out ⁱⁿ ~~any~~ detail who spent the money of the project.)

H. considers this a workable document which he will discuss with
M. Islam, And with Mr. Moizadin Ahmed, Additional Chief Secretary, whom I
mistook for friend of J.R. Wiggins at the dinner for the Minister.

Mansur has ~~not~~ won his case against Government and should be getting
a considerable increase in salary.

p. 67
Dinner given by Dick Patten for Mr. Trisco ICA/W man for S.E. Asia
who arrived with Edwards out of town. (Given by Dick Patten)

JES talked with TR regarding project of Cholera Research.

Mr. Scheeran met JLS and is supervisor/ ^{from} ~~with~~ the University of Calif.
Group interested in administrative problems in GOEP. Hickock is going out on
Monday to get details of each troubles as examples of administrative difficul-
ties of GOEP.

Mr. Moazzam Hussain with the beard and chewing betel nut asked

Dacca East Pakistan
March 17th 1961

MAL.

Dr. Roy Fritz,
Malaria, ICA, D.C.

Dear Roy:

I heard you getting ready to leave our common domicile yesterday morning early but never came out of my nocturnal coma sufficiently to wish you God speed... On arrival here I learned that a Mr. Trisco, Chief of ICA for South East Asia arrived some days ago in Dacca in the absence of Mr. Edwards who either did not know that he was coming or did not know what his position is...

Dr. Stockard met Mr. Trisco at a dinner given for Trisco; as Joe was leaving at the end of the evening, Mr. Trisco told him that he hoped something could be done about getting the malaria program on the road here since while in India he had been subjected to expressions of concern from the Indian authorities by the failure of neighboring countries, especially Pakistan, to remove the sources from which India is being and will continue to be reinfected after her own problem is solved.

We have checked Mr. Trisco's itinerary, and understand that he will await Mr. Killen's arrival in Karachi where he can direct his remarks to the Director of USOM/K; thinking that this information may be valuable to you we are attempting to get a cable cleared in time for it to reach you in Washington today. This has its difficulties since today is a serious holiday with no government offices open and with only a skeleton staff at ICA.

Hope you find that the rapier slippers fit all of the beneficiaries of your purchases.

With best regards to Helen and Don,

As ever,

Fred L. Soper, M.D.

to see JLS yesterday morning. JLS gave MH all of the details of the administrative difficulties and MH is going to talk with M. Islam about the situation and report back to JLS.

Khair, Additional Secretary of Finance for GOEP; was met by JLS at dinner for Trisco at Schulers.

JES gave Khair the works regarding what he had to show foreign visitors.

Then M. Islam came in:

TRISCO asked JLS to do something about MALARIA Eradication because of INDIA's CONCERN ?

March 17th :

In spite of this being a major holiday we make an attempt to get the Trisco concern expressed to Roy Fritz in time for his conference with Killen probably later today in Washington. (However, we may have failed since we had to have Shuler's OK to send it to Karachi for further censorship.)

(Protest shipping - cash found with Doris Parkinson.)

MARCH 17TH : Dacca contd.

Learn that the MB is on the ss. EXEMPLAR (Due Chittagong April 11th) Bill of Lading # 5. (But that case did not leave on this Boat because they were not packed in time. Are to leave on the steel worker on March 24th.

Owens, in letter to Smadel of March 8th, says rupees have been in Karachi for several months and can be " used at any time Dr. Soper desires." " Our controller's office in Dacca will certify vouchers and handle whatever accounting is required.

Smadel cancelled NAMRU participation this fiscal year unless advised to the contrary by March 20th.

MARCH 18th - Dacca :

E 19 ~~was~~ ^{comes} today because the moon was ~~seen~~ sight^{ed} in West Pakistan last night and news of this sighting came by radio in time to get festivities started.

Day^y at home on new agreement.

MARCH 19TH - DACCA - SUNDAY :

Heat relieved by showering in the afternoon; tea at the Millers' home. Met Dr. Choudry, the Secretary of Agriculture.

Read again the Indian Report on Cholera Eradication of 1959 and the Coburn and Cassanos paper on ^{pms} ~~use~~ of tank waters.

MARCH 20, DACCA :

Bring Juliet's typewriter to the office once more so as to be able to work.

Places to visit, and Persons to see in India.

NEW DELHI : (1) Dr. C.G. Pandit, Director, Indian Medical Research Council.

(2) The Minister of Health.

(3) Director of Health Services.

CALCUTTA : (1) All-INDIA Institution^e of Hygiene and PH.

(2) In Inst. for Biochemistry and ^{Exp} ~~Exp~~ Med.

(3) The Urban Health Center (Chetta)

(4) Infectious Disease Hospital.

(5) Calcutta School of Tropical Medicine.

~~XXXXXXXXXX~~

Dr. Ataur Rahman, ~~XXXX~~ Vaccine Production; X Latif, Dir Eng. Services; Brig. Mohammed Ghani Hyder, Dir. Health Services; J.G. Cassanos; Richard Towle; Samuel Morch; Chas. S. Gulick, Asstt. Dir. for Program; Robt. B. Curtis (Controller) Karachi; Frederick H. Bundting.

Letter from Robt. Phillips regarding Huber visit in May.

This brings up for study the significance of the Owens letter saying that Rs. are at my disposition in Karachi!

Dr. Deitrich, D.V.M., who is working with the University of Texas in starting a school of VM at Mymensingh, visits the CRL at the invitation of JLS. Discuss need for experimental animal colonies in East Pakistan; ~~need for several sitting pens with protection, can be had against~~ need for ^{several}..... so that protection can be had against disease which may make the destruction of one or more colonies necessary. I agree but insist that that we also need train^wworkers and budgets to make these animals useful. (D gives the story of the early beginning of the school at M; a retired professor

p 71
of anatomy came out to start the school; later 3 very young men came out to teach but in the absence of freedom of action in the school decided on freedom of action outside with tiger and bear hunting and other irregular activities to their grade.)

D arrived here about a month ago, has ~~since~~ ^{seen his} ^{number} ~~opposite~~ ~~during~~ twice for about 5 minutes ~~✓~~ each time and is now relatively inactive for a time since the Director of the School has declared his ~~xxxx~~ six weeks' holiday for Ramzan and Eid.

MARCH 21, 1961 : DACCA :

Once more in the afternoon trying to get a little action in the adjusting of the Soper family to the Momin House with Mr. Agafanoff.

To reception at the home of C. Edwards for the new Secretary of the Province; have an opportunity to tell him that we are in trouble administratively; the Secretary says he ~~has~~ is busy during the next ten days but will get in touch with me after that date !

CE reports that FB called from Karachi and reported that he had talked with the Under Secretary of Finance (Ayub) who will be in Dacca this week and will meet with Edwards and Soper to clear up the difficulties of the present situation.

Met Mr. Braithwaite and talked further about the possibilities of taking over the Water Testing Laboratory now at the Parsons Headquarters; seem \$25,000 worth of equipment which will not be kept ~~so/soon~~ ^{together} probably unless we take it over. ~~✓~~ This, we will probably need almost surely need stating the tank problem as outlined in studies by Cock Cass.

p 72
Find Siegel in town and get him to come to Momin House after the Edwards party, thus giving me an opportunity to bring him up-to-date on our plans for getting freedom of action with CRL. I did not ask him to do anything at the present time but insist this talk is informational only.

MARCH 22 - Dacca :

Talk with CE for 30 minutes on plans for CRL under new agreement including participation of UK to the amount of Rs.210,000.00 (£16000) annually.

Spent some two hours talking Cholera Research Laboratory to Mr. Peters.

(See notes on smaller notebook paper.)

Dinner at the home ~~of~~ of Mr. and Mrs. P. Schuler: other guests Mr. and Mrs. Braithwaite, originally from India, Okla. The Bs know Arthur

p 72
Elliot. (^F His here as the Head of the Parsons Group from whom we hope to get laboratory equipment for Water Laboratory, equipment which really belongs to ICA.)

MARCH 22ND :

Mr. Peters, Secretary to the High Commissioner, Mr. Adair came to the CRL ~~in~~ ostensibly to talk about the property rights in British equipment being furnished to the CRL but really to let me work him over from the standpoint of the UK participation in the CRL. I emphasize the necessity for a truly

international organization under the control of a Directing Council. I suggest a tentative ^{arrangement that a new} agreement become operative on the first of July with financing by :

- (A) SEATO Dollar Fund ^{which is not new} ~~and is never~~ coming in to local percentage accounts.
- (B) GOP, NIH and the UK each contributing Rs. 210,000 annually to a pooled budget, each to be charged 33% of expenses.
- (C) ICA contributing as at present.
- p 74 (D) NIH contributing with additional rupee funds the limit of which need not be established in the agreement.
- (E) The UK contributing more money as it wishes and also staff.
- (F) The UK contribution could be made in £ or Rs. but should be expressed in Rs. finally so that accounts could be set up 33 1/3 UK; 33 1/3 GOP and 33 1/3 NIH

I emphasize the importance of the Directing Council and of the ^{support} UK ~~to support~~ ^{issue} ~~the~~ so as to force the ~~Commissioner~~ of multilateral ^{issue} as against bilateral effort.

The arrangements could be by having a 3 country agreement or a two country agreement with specific technique for additional countries to participate. I favor the 3 way agreement myself with arrangement for additional countries under terms to be set by the Directing Council !

p 75

We learn from Peters that the gift of equipment is to the CRL and not to any government with no provision for the UK to hold title.

I ask Mr. Peters to sound out the situation since this is and has to be an unfamiliar conversation; if things develop seriously, I am ready to go to London for detailed discussions.

In the afternoon to see Mr. Edwards and tell him what is being planned for the CRL.

p 72 MARCH 23 - DACCA :

Pakistan Day :

Morning at the office; afternoon with the JIS's to Government House to the reception given for the President ! A beautiful afternoon and an excellent opportunity to see a large number of the foreign colony and all of the high officials of government and many of their wives.

MARCH 24 :

Day at the office on report to JES and on plans for new agreement. Yesterday I mentioned ^{to} HC Adair the suggestion that the UK might well be interested in the CRL on continuing basis.

p 76 MARCH 25 - SATURDAY :

Yesterday JIS wrote (~~sent~~) a talk for Mr. King for the presentation of pathological specimens from the University of Maryland to the Dacca Medical College.

I work on letter to JES and / on the outline of the new agreement which now seems essential to getting anything done here.

This morning the paper carried an article stating that the Economic Council has approved the decision to undertake Malaria/ Eradication; apparently there is sufficient confidence in the declarations which have been received from the USA regarding ~~the~~ future participation of the US to / justify going forward with this enormous project in health requiring the spending of an estimated 110 m. \$ in all, something over \$40m. being in foreign exchange.

J. Cassanos call^d and we discuss :

(1) The future of the Water Laboratory now at the Parsons Company; I did not ~~insist~~ ^{having} insist on ~~for~~ the laboratory here but asked that it be made useful to us ^{even if} it goes to someone else. I point out that we are going to insist on the necessity of doing studies on water as part of the CRL program and indicate that we are also considering ~~the possibility~~ ^{the} Possibility of a Sanitary Engineer trained in water research to get the facts for ^{us} US.

(2) J. C. says he ~~is~~ has already talked with Latif about collaboration with the CRL on water studies and studies on tube-wells especially: Latif says he ~~is~~ ~~is~~ ~~is~~ is ready to help with these studies on water and will do ^{everything} as far as possible within his (~~object~~) (budget) limitations.

p 77 MARCH 27TH - DACCA :

To Dacca Medical College to be present at the presentation by Mr. N.B. King of the Pathological Material sent by Professor Ted Woodward in the name of

p 77 the University of Maryland : Col. Haque presided and Director Hyder received the Material after which we had tea and cakes. (I meet Dr. Ibrahim for the first time: I. is the one who has a diabetes study plan and has received the P & D Company office dispensary.

Talk with the Consul General regarding plans for the future of the CRL agreement : NBK is on our side in so far as supporting the idea of a multi-lateral organization is concerned but has his doubts about the possibilities of getting easy acceptance of the plan to have the US with a veto and NIH also with a veto.

NBK also indicates that there may be some opposition to a SEATO International Cholera Research Committee. I look up the records but fail to find the Agreement of May 29, 19⁵⁹ but do find notes on the reluctance of representatives of many countries to approve the idea of an International Committee, they having clearly established the purpose and functions of such a committee.

I finally wire for a copy of the May 29, 1959 report which has eluded me so far.

During the discussion this afternoon JES comes up with an observation from a Mr. Kahn of the UN who expounded to the advantage of having international agreements signed outside of the country of application.

Where to sign agreement ?

78 MARCH 27TH - DACCA Contd.:

In the late afternoon after 530 p.m. Brig. Hyder and Col. Mallick appeared with a group of some 30 PH physicians from all over the Province: it was good that we were still there since these are the men with whom we must work if things are going to move in the interior. I offer to talk to them tomorrow and Br. Hyder says OK 0800 tomorrow.

p 79 MARCH 28 - DACCA :

Meet with District Health Officers with Brig. Hyder, Col. Mallick and Col. Haque.

I spend 25 or 30 minutes telling about needs of the Cholera Research Laboratory: Need # (1) Information as to where and ^{when} ~~what~~ Cholera is occurring in East Pakistan. To back up this need, I tell the story of RFs 15 years' without definite progress in yellow fever because we never knew where the disease was when cases were not being reported. Viscerotomy and the protection tests ^{before} between

11

p. 79
they solve the question with a double answer.

- (a) Endemic yellow fever with A. aegypti transmission in rural N.E. Brazil &
- (b) Jungle yellow fever; need # (2) is the cooperation of the District Health Officers in the field not in contacts with people. We will be interested in long term studies in certain areas and in widespread studies throughout entire country and both will require convincing the people of the ^{value} following to them in the long run to collaborate ^{with} ~~on~~ the CRL program.

Haque asks what we are ready to do now and how the doctors can help now; I reply that we are not ready to work yet and that when ~~we~~ we do, we will be working through the Director of Health Services; so the important thing now is to keep the Director informed of all Cholera as soon as possible; we will get our information through the Director and make our contacts later with the District Health Officers through the same channel.

Biochemist BG asks in writing when we want a biochemist. I suggest to JLS that we did not want a biochemist until we have either a water laboratory or a physiological chemistry laboratory. We may be ready to use an epidemiologist and two bacteriological assistants.

MARCH 29TH - DACCA :

Early with Mr. Edwards to the office of Muezzedin Ahmed, the Additional Secretary of the GOEP to meet the Additional ~~(?)~~ Secretary of Finance Ayub of the GOP.

~~We had anticipated a private meeting with M. Ahmed and Ayub but found ourselves in a large group including Brig. Hyder, M. Islam, Moissen Hussain (Moazzam Hussain), Mr. Patten and several others.~~

We had anticipated a private meeting with M. Ahmed and Ayub but found ourselves in a large group including Brig. Hyder, M. Islam, Moissen Hussain (Moazzam Hussain), Mr. Patten and several others.

I was given a chance to outline my problem first which I did as briefly as possible :

- (1) CRL got off to a good start with Bact. Lab. ready to operate at the time the agreement was signed; with the Deputy Director on the scene since the middle of September and
- (2) with myself here during the past 7 weeks in spite of which nothing moves.
- (3) Having talked with M. Sherif twice, with Brig. Hyder and M. Islam and the bearded one, M. Hussain, all of whom seemed to have the best desire to help the CRL reach its objectives, I have come to the conclusion that the only way the

CRL can function properly is as an international organization.

(4) I have, in preparation now, a suggestion for GOP, US and UK etc. etc-

(5) I pointed out that one of the main difficulties has been the attempt to force the CRL in the mold of the bilateral agreements, apparently because it was negotiated by the ICA.

(6) I insist CRL program cannot be carried out with Rs.210,000 annually nor can its objectives be reached in two years;

(7) It should not be considered as a project to be developed and turned ^{over} ~~over~~ ~~XXXXXXXX~~ to the GOEP, but as a service ^{is} to be continued until cholera is eradicated.

p 81
Ayub listens to me and to Hyder and Islam who gave some of the details regarding secretary and typewriter to which I had referred and bring in a reference to the 5000 monthly budget for contingency items. (~~XXX~~ At this point Patten brings in a statement to the effect that both sides used the same terms recurrent and contingency funds but ⁱⁿ not a difference ^{since}; to the American, contingency is something unexpected; to the Pakistani, ^{contingency} is a very limited item not including ever such things as staff.

Hyder explains that he ~~is~~ has suggested the use of KAM as disbursing officer and I am asked if that is satisfactory; I reply categorically that it is not; that I cannot ask a Pakistani colleague to take responsibility for my actions especially if he is not ^{to have} ~~in~~ ^{himself} ~~but~~ for the ~~first~~ time to check ~~his~~ ^{himself} and know how the money is being spent: Ayub agrees and indicated ^S that some other solution ~~has~~ to be found;

Ayub ^{says} that his country would welcome the operation of an international organization in his country but that ~~is~~ in any case, ^{fact} cannot be decided here and now; on the other hand, it is important to get the present agreement working and A says at one point that the ~~structure~~ ^{Central government} ~~scale~~ is now working to free its own administrative machinery and that almost any of the present regulations can be gotten round with new regulations. (At one point one of the main persons indicated that they need a Pakistani citizen as Disbursing Agent since their audits are 4 years behind and they must have the body still in the country if things are found to be wrong!! That is financial ^awrong! I went to raise the question of how they can be sure of the body since death does at times intervene.)

We leave with CE insisting that I can forward ~~with~~ the proposal for in a new agreement/any case.

We are satisfied ^{with} that the results of the talk but remember that

Ayub is scheduled^d to go to Germany as Ambassador ~~since~~^{soon} and that others have been told^d before that ~~there~~ their problems could be solved without anything changing ~~XXXXXXXXXX~~ noticeably.

DACCA - MARCH 30TH :

I hope there are notes elsewhere.

MARCH 31ST - DACCA :

Morning at ICA dictating to Mrs. Craig my report for Mr. FB on the meeting on the 29th and a letter to JK regard^{ing} the situation in general terms. Received^d the Panel Report as rewritten by John Logan.

APRIL 1ST :

Long talk with Ataur Rahman to whom I attempt to point out some of the illogical happenings here with regard to the cholera research laboratory. (I am surprised to learn that Brig. Hyder ~~is~~ has given orders that no cases of cholera are to be reported without bacteriologic confirmation!!! This should successfully eradicate cholera, atleast from the statistics of East Pakistan.)

~~XXXXXXXXXX~~
22,000 (D.C. 8000); 1961
USPHS: * 1956, * Personnel ²⁹⁰⁰⁰ (DC 12000); * Budget 1956, \$ 391 m; 1961,
\$1,094,000,000.

MARCH 30TH - DACCA - THURSDAY :

1. Long talk with KA Mansur on future of CRL and his own future. He is interested in research and teaching ~~is~~ rather than administration; the present situation in the GOP with a decision to make colleges of medicine autonomous bodies may make it almost obligatory for him to return to the academic life. I indicate that no one can advise any one else, that there seems to be a very good expectation that if this project gets properly organized that it will be here a long time even after Cholera is no more.

I give KAM a picture of the yellow fever work in SA at the height of its operations.

(2) Give JLS instructions to get ready for budget discussions with Islam and suggest he get all data^a from Parsons as his basis for salaries etc.

(3) List of correspondence received : none of official importance.

(4) Discuss statistical~~ly~~ matters with JLS; try to get him to keep his training without becoming a ~~self~~^{slave} to its terms of reference.

April 1st Dacca...Learn that the 1st of April is also a day of license here..No lunch at thome. Day at the office trying to get ideas and documents in shape.. There just seems to be no time at all to get around to working on the papers of the conference.

April 2. Easter Sunday..Ride out to one of the village markets some 8 or ten miles from Dacca with the Millers...See everything imaginable for sale in the way of animals and vegetables but very few fruits at his time of the year.... I had not realized how much not having a car had handicapped my curiosity of things in East Pakistan..and eliminated my photography.

April 3. Dacca..Monday..Talk with Mr. Hollinger regarding the situation of the CRL.I indicate that nothing has happened since the meeting in the office of the Additional Secretary..but that I assume that to be my contact for results..H agrees and indicates that the ACS has been out of town for some days but should be back by the end of the week..and that he had talked with H about our situation before leaving..(It is good to know that Brigadier Haider had asked me to bring H into the discussion before taking too many other decisions..H was brought in by me but nothing happened before I finally went to Karachi.)

Letters to Bunting and Killen on the present situation and future plans are signed having been typed by Mrs Craig at the USOME headquarters.

Mr. Tucker, the instrument man from the BMSI calls. I am advised to take the burned out tape dictation machine to Asiruddin for examination...(This I did on the 4th and was happy to learn that only two 'line' fuses had burned out.)

A shower this afternoon has laid the dust and helped continue the cool weather we had for Easter Sunday. (Last year there were no showers this time of the year and the resultant dust was very disagreeable.)

April 4. Spend most of the morning with the tape recorder and at the USOM. ...Give Shuler and Davidson an equal opportunity to put pressure on the same labor leader in Chittagong to get my car here as soon as possible after arrival possibly on the 11th of April in Chittagong.

p 84 APRIL 6TH - DACCA - WHO DAY :

Invitation to WHO Day celebration received at 0630 for 0815.

I was present with Dr. K.A. Mansur who had no hesitation in going in white trousers and shirt even though he knew the meeting would be addressed by the Governor. There was a good crowd with a considerable number of persons whom I know, including the Director of the GOEP Malaria Service who served as a regular furnace for heat.

The Governor's talk was on the subject of accidents, the WHO theme for this year. One cannot but wonder at the relative importance of accidents in East Pakistan at this time. (I was surprised recently to see figures on accidents in the USA for 1900 and 1955 showing that the death rate from accidents in 1900 per 100000 was about twice that of 1955, in spite of the fact that automobiles were not causing accidents in 1900 and now because almost ~~400000~~ 40000 fatal accidents a ~~year~~ year.)

I called yesterday at Brig. Hyder's office to learn he is out of town; asked Col. Mallick to confirm the names of participants in the Cholera Conference which he did. I also indicated to him that we are getting ready to use a epidemiologist and may be 2 more bacteriologists.

Mr. and Mrs. Mark Tucker of Dallas, Texas, to dinner with the Stockards; the Ts have two children ; a baby of 14 and a girl of 5. T was Crew Chief in the Air Service during the World War II serving in North Africa, Italy, and in India. He is an instrument man for medical equipment.

p 85 Earlier this week I got AKM ~~ASIRUDDIN~~ Asiruddin's help in replating burnt out fuses in the tape recorder.

April 7TH :

James Cassanos comes from Karachi with a telegram from ICA DC suggesting to J. Killen that I might ~~be~~ act as consultant in connection with discussions of extension of EMSI between GOP and IND. UN. beginning about the 20th of April. (I raise question as to whether this will help or hinder my work with the CRL, really have no choice in the matter.)

Braithwaite and Snead call to look over our facilities for the Water Laboratory. (Fortunately JC is present and hears all of the discussion.)

In the afternoon I go with JC down to Parsons Headquarters and see the laboratory installation. It becomes obvious, after I have suggested that

p 85
we might get technical help in running the Water Laboratory if we get it through the USPHS and the Taft Laboratory, that Snead himself might like the task. (Later I learn from JLS that Snead had suggested as ~~as~~ much to him at the Commissary ~~of~~ a couple of days ago but JLS had not advised me!)

Meet Russell Arthur, the administrative officer of Parsons, a man by the name of Berberia ?, and Dr. MAU from Iowa originally and more recently from the State Board of Health Water Service to the State of ~~MISSOURI~~ Kansas.

APRIL 8TH - DACCA :

At laboratory till 4 p.m: because the invitation to talk to the ~~XXXXX~~ class doctors of ~~XXXXXX~~ at the Institute on the subject of epidemiology; later in the day receive invitation through Mrs. Schuler to talk to the Rotarians this week. (Later transferred to May 2nd.).

- p 86
- (a) Use of existing morbidity & mortality records.
 - (b) Ad hoc field survey, ^{at} personal contact with problem - personal collection of data.

~~Discussion - top of p. 87~~
~~Sunday~~
APRIL 9TH - DACCA :

All day at Momin House; ^{have} spent considerable time trying to prepare for talk to a group of doctors who are taking in-service training at the Institute.

APRIL 10TH - DACCA :

Learn of two telegrams :

(1) From Bob Phillips ^{re} ~~re~~ Huber coming to study salt-pump in cholera. Since all he wants is a month's supply of rice water stools and a ^{technician} laboratory diagnosis and the cases, ~~whether~~ ^{we are} whether ready to have him come but believe it best to check with local authorities first.

(2) JES wires that PL 480 funds will be made available to S ^{oper} and S ~~Stuckard~~ ^{oper} if we can use ^{them} ~~the~~ with freedom from interference from local authorities.

(We try to arrange to see Hyder tomorrow or next day ^{but} to get his indication that he ^{will} ~~should~~ come with Brig. Sherif to see us tomorrow. At the same time I learn that we, or atleast one of us, should be at the USOM when H & S come to disease ^{cuss} cholera with CE, the Chief of USOM!)

I spent an hour and 15 minutes talking with the Doctors in training of epidemiology; S. Rahman, KAM, JLS and Dr. Ibrahim from Egypt also came.

Iqbal - Galistan

J. Cassanos says he is ready to let us use a Water Laboratory since nothing else has come up : seems not too enthusiastic about J. Snead although he considers him as a hard working individual. Seems to ~~then~~ think we may want someone with a greater breadth of training than JS has. JC suggests that we ^{get} go in touch with Jean Delevran, a Norwegian Architect ^{payroll} ~~(to be seen)~~ ~~use a name~~, on the behalf of the government, and talk to him about the plans for the new hospital to be erected at the Institute of Health.

JC also suggests that we should see ^{Kenneth} ~~Kenneth~~ Vernon regarding Water Laboratory Equipment. (~~To~~ To be seen in Karachi.)

~~XXXXXXXXXXXXXXXXXXXX~~

DACCA - APRIL 11th :

Date of arrival of ss. Exemplar ???

Brigs. Sherif and Hyder call at the CRL on a late schedule: all of the time is spent ^{is} in my office.

S ~~has~~ given the picture as it is with nothing moving but is told that we are ready to have Huber come and are ready to ~~indicate~~ undertake the development of a Water Laboratory.

To my complete surprise H ~~once~~ more indicates that KAM might act as Disbursing Officer for the CRL after the complete rejection of this proposal by myself publicly and privately on several occasions and in spite of and the rejection of the idea by Ayub and M. Ahmad at the public meeting two weeks ago.

I tell BS that there is a great deal more at stake than the 210000 Rs. of the Government of Pakistan; that I did not come here to ask you for 3 typewriters; that the NIH is ready to work on cholera if an opportunity can be arranged where work can be done with certain freedom of action. (I have the impression that he gets the idea but doubt that H ever does.)

On the way out BS visits the hospital and asks if we are already taking cases. I indicate that little has been done to finish the hospital since December; that early in February we were told ^{it} would be ready the 3rd week in March and that now some work is being done on the electrical wiring, but that there is no evidence of a kitchen, a laundry, a supply of hot water or a utility room. (I express doubt that it can be put in shape for use in less ~~than~~ than six weeks.

p. 90
The two Brigadiers drive with me to the ICA where further discussions are held. I indicate that I have heard nothing from the talk with Ayub but we know that the Additional Secretary has been out of town; and agree that action would have to come from his level.

Decide on another meeting Saturday next but in the ~~meantime~~ meantime get a letter from Bunting indicating that Ayub suggests a PIDC-type of semi-autonomous organization which would let us work freely.

Get cables from Smadel on Huber and on NIH Funds. Wire Smadel we can handle what Huber needs and that we can do what he wants. I ask what he will give.

Visit from Dr. from Egypt... : " Our religion says that every person gives each individual his food(//////////) : we cannot fail to have children because of fear of lack of food."

Dr. Ibrahim says that Egypt now has 25 m. people: the law now provides assistance to a family for the first, for the second, and for the third child, but nothing for all additional children.

p 91
I see Richard To^{we}tt who ^{has} just come back from Chittagong; some weeks ago we heard of an outbreak near Chittagong beginning in January which was reported to have killed some 583 persons among about 6500 residents in a given Union. This outbreak is, of course, all over now, there have been many outbreaks of ~~cholera~~ Gastro-ent^eritis in other unions with a ^{mortality} of from 5 to 10% of the total population concerned. (Officially these are all being diagnosed on investigation by health officials as GE; one has even been attributed to staphylococcus.

Today's Observer (Dacca) has the following notice from the Director of Health of Pakistan:

" Q U A R A N T I N E
R E S T R I C T I O N S

The Government of Hong Kong have imposed quarantine on account of cholera against arrivals from Chittagong. Travellers, proceeding to Hong Kong from Chittagong, have been advised by the Director-General, Health, Government of Pakistan to get themselves inoculated against cholera and be in possession of a valid international Certificate of inoculation. "

APRIL 11TH - DACCA :

Today I received the copy of the May 29, 1959 Agreement between the USA and SEATO which is the basis of CRL: although this document is mentioned twice in the Agreement of October 14, 1960, no copy is attached to the Agreement nor could one be found in the files of the CRL, nor in USOM in Dacca and in Karachi.

In this Agreement " The Government of the United States of America" undertakes to " make available not to exceed \$400,000 to finance a Cholera Research Program, to be carried out by the NIH of the H&W through American, Asian, and other appropriate institutions and bodies."

p 92
APRIL 12TH - DACCA:

Much of the morning at the Consulate and at USOM:

(1) Find wire from Rusk regarding visit of Dr. Cummins, Mrs. Grant and Mills of NIH (International Research Office) to Dacca from May 4th to 9th to negotiate Cholera Project, and asking Consulate to establish contacts with appropriate government authorities for this purpose. After spending considerable time seeking information from other documents, I ask Mr. Blood to cable DC asking for clarification of the possibilities of a double effort here of NIH for the field of Cholera.

Get letter from N. King's hands, written by Abdul Basit, asking for material for teaching Dermatology; nothing less than slides, photos and biological specimens of some 60 conditions of the section. I dictate a letter to Mr. N. K. and another to AB pointing out that there is no place we can go to get all of the material which AB wants; that the logical thing is for him to begin to build his collection with his ^{own} ~~young~~ students and through biopsy (~~.....~~) and trading with other dermatologists in those parts of the world where the various conditions occur.

Learn that the ^{SS} Exemplar should have arrived yesterday in Chittagong .

Long talk with JCassanos: (a) Smallpox vaccine : JC says that ~~XXXXXX~~ 400,000 doses have been ~~received~~ received from the USSR. (Later this ^{proves} ~~proves~~ to be 10,00,000 laks or 1 million doses.) The equipment at the laboratory has been here since 1958 and is not behaving properly at the present time. Difficulty in dessication is now the principal headache. JC will, however, have tucker returned or will try to have ^{combine} ~~combine~~ ~~such~~ manufactures equipment ~~such~~ ~~such~~

R.A.

send a ^{representative} report here at the time the next equipment ^{arrives} moves.

In the meantime a note from the NIH indicates that it is the thought of the NIH that the US method is as good as the British method which is being considered here.

APRIL 12, 13 & 14 - DACCA :

(1) Smallpox : Call on Dr. S. Rahman and learn that there are some 5 thousand vaccinators who are vaccinating over 20 m or 200 laks of people every year.

^{smallpox}
Of course, that (sp) will continue; it is obvious that many of those are not being immunized or that the same persons are being vaccinated year after year.

The USSR has just sent 10laks (1 m) doses of typhoid vaccine in small round ampules holding 20 doses each. (These are hard to use in the field without a small holding rack similar to a test tube rack and SR says that the authorization for the manufacture, ~~the manufacture~~, distribution of and training in the use of such racks and the new tubes would take months to get ~~done~~ done under EP conditions. CNE asks for ^{our} ~~each~~ recommendations regarding the present situation in which the two units for drying vaccine are both out of ~~motion~~ commission, at the same time. I back up JC's suggestion that a maintenance man from the ^{country} ~~being~~ come and train local people in maintenance and set ^{up} a schedule for maintenance and for the ordering of spare parts ~~of~~ supplies. (~~On the~~ emphasis the importance of smallpox from the political standpoint and indicate that the USSR has been taking up the ~~... ..~~ ^{budgets} ~~... ..~~ for eradication, ever since its return to the WHO in 1958. I also indicate that India is getting ready for eradication and its essential that Pakistan go along with this effort. The USA must be ready to supervise smallpox here, no matter what the cost!

p 95
TYPEWRITERS : 2 are sanctioned as of April 13. (~~each in large~~)
(~~each in large~~)

Either these must be bought with government funds at government price and it is certain that they will not be available for some two months or longer.

Mr. Ahmed was called in on the 13th in the afternoon and given an opportunity to sign ^{on} ~~as sten~~ ^{grapher} Secretary. (He does not seem to understand that

p 95
I will not have an unshaven secretary around where I work: he says that ~~daily~~ daily shaving results in early loss of eye sight according to medical information he has had; I tell him I am specialized in the relationship between eye sight and whiskers and that what he says is ~~only~~ ^{no g-} wash.

APRIL 15TH - DACCA :

Receive a call from Mr. Edwards stating that the meeting with the additional chief secretary is marked for 10.30 this a.m.

As a result of the discussion we came to ^{The} a ~~predetermined~~ decision, namely to have ^a committee to tell the Director what he can and cannot do with GOP money.

(During the discussion it becomes clear that the GOP is not willing to let the NIH use outside funds as ^{it may} ~~at~~ wish but, only as these funds may be budgeted for in the national budget.

" CHOLERA, SMALLPOX TAKE TOLL OF 336 LIVES

From our Correspondent

CHANDPUR, April 13: - 321 deaths against 452 attacks from cholera and 15 deaths against 25 attacks from smallpox occurred in Chandpur subdivision during the year 1960, according to a statistical report of the local Health Department.

The report also showed that 6,92,027 persons were inoculated against cholera and 3,83,733 persons were vaccinated against smallpox during the year.

The report further showed that there were 364 deaths against 571 attacks from cholera and 11 deaths against 36 attacks from smallpox in this subdivision during the year 1959. During this period 3,89,651 persons were ~~inoculated~~ inoculated against cholera and 3,43,471 persons were vaccinated against smallpox, according to the report."

p 96
April 15, Contd:

I try our new secretary with a matter of urgency which I need for the meeting at 10.30 and find him wanting. (He says it is the typewriter and it may have been since his first ~~type~~ ^{attempt} was spoiled by a half line space jump rather than a full line space as would happen on the older machines.) In the afternoon gave him another chance to do himself proud by taking down my notes on two days meetings. He got most of the material right but its presentation was not good enough. I call attention to the need for a clean appearance of the right hand margin of the written material.)

1296
The weather continues hot, the temperature being 105°F for the second day after 3 days of 103°.

Decide to resign finally from the International Affairs Committee of the APH and dictated letter to J.D. Porterfield.

Two days ago I received the shipping papers on our household goods but ~~xxx~~ so far have not received the papers on the car which, already in Chittagong.

APRIL 18TH.

Jr. APHA of Feb. has the list of the committee members of APHA Committees. From this I learn that I have ~~been~~ already been superseded by Stebbins as Chairman of the National Health Committee. Fortunately the letter to JDP is still with the secretary and is not sent.

April 16, Dacca - Sunday.

A hot day at home; in the evening attempt to take advantage of the New Market to make certain essential purchases with JSS. We come away with 2 small ~~rolls~~ rolls of scotch tape, a note book and 12 sheets of tissue paper of various colors for wrapping gifts. (Total Rs.2.97).

April 17th - Monday - Dacca :

Learn ~~with~~ ^{that} S. Ahmed is dropping out of malaria work although this means a ~~loss~~ loss of Rs.220 montnly. SA proposed that KAM might handle funds of both the Institute and the Cholera Research Laboratory!!

Also suggested as Director of the Institute of Public Health!

(This may be the logical action from the standard of GOEP since KAM, as a result of his law suit, is now one of the ranking individuals among medical officers of GOEP.)

Spend much of the morning with Patton discussing how to make present agreement work with the ^{of this committee} proposed ~~out of~~ advise and consent. (Learn that there was opposition last year on the part of the lawyer ICA to the use of counterpart funds for CRL.

Learn from a copy of a telegram asking for housing that NIH is sending an administrative officer by name of Metzner to the CRL beginning on April 26th. This seems entirely out of place at this moment considering stage of our discussions with government on the spending of GOP and NIH funds.

April 18th : JLS and I spend much of morning with R. Patten discussing tactics

p. 97
p. 98
of few procedures for administration of CRL. (We decide to recommend that MS trip be postponed.) RP is anxious to see more health work done to realize that it is of little advantage to repeat the past experience of beginning with small individual projects at the bottom. When the government is ready to support broad base health programs, it will find strong support from RP. We discuss hookworm disease, malaria, tuberculosis, etc. It is pointed out that there is little profit in building hospitals and tuberculosis sanitoriums at this time when mass measures are indicated. We also talk of smallpox and the necessity of ~~ppp~~ keeping close contact with the operation of the Dry Vaccine equipment.

In the early afternoon, I see the letter of resignation of Ashraf, ~~the~~ the typist on whom JLS has spend^t so much time in training; later just as I am ready to leave the office enroute to ICA and Karachi, my friend Ahmed comes in and tells me that he really needs a job with atleast Rs. 600.00 a month to support ~~himself~~ and ^{his} wife and ten children; that he cannot work 40 hours a week since he is to do the marketing for the family and our office is entirely too far away from his home, etc. etc. etc. (And this inspite of the fact that I had not said a word about his failure to shave today!) Ahmed, a man with ten children to support, ~~leaves~~ leaves our job which surely indicates that our salary is inadequate!

Learn that the MB should come through customs today; Davidson of ILO says ~~his~~ his man is on the job regarding transport of the MB to Dacca.

Vaccination of FLS smallpox and typhoid today.

April 18 on p 54 Take evening plane to Karachi leaving at 8 p.m. (20,00 to you)

APRIL 19TH - KARACHI :

Arrive Karachi at 0130 and find JC waiting for me. I go to his home where we talk about various things: (1) Smallpox Vaccination equipment, (2) Indiana University BMSI, (3) trip of Minister of Health of USA; I suggest possibilities of using Medical ~~Nutrition~~ Nutrition Group.

7
April 19TH Contd:

Get help of Pakistani Secretary in sending letter to JES; cable JES not to send Administrative Officer now. (This action rescinded by me in cable of April, 21 from Dacca.).

Talk with James Killen, James/ Cassanos and Fred Bunting. JK decides

I should come back to Dacca for meeting with him and Burki, the Minister of Health: reports ICA inability to come up with a Health Officer. JK is willing to accept. (JK goes to call on the Surgeon ^{General} Jean of the US ^{PHS} ~~PHS~~.... and ~~PHS~~..... the ~~PHS~~..... disapproval of the Head of the PH office of ICA.)

K wants action on Cholera: (1) Orders Rogers to send 3 typewriters to Edwards ~~XXXXXXXXXXXX~~ for us; (2) will arrange for us to have two secretaries from the school in Pak ~~(//Pak//)~~ at ICA expense.

K asks for and gets appointment with Minister Burki for Friday at 12.30. (I shall return by plane tomorrow night.)

Get NIH Telephone ~~XXXXX~~ Directory in Front Bed Room of ~~XXXXXXXXXXXX~~ Cassanos's apt.

In the late afternoon I report to JK on two letters he had given me to read. Unfortunately ~~my~~ report was adverse? Adverse because of contradictory points in the letters themselves as well as the desire of the individual to take on entirely ^{too} ~~two~~ much for any one man to do, and especially on a part-time appointment.

~~(to p. 53)~~
APRIL 18TH - DACCA :

Moot on organization with R. Patton and JIS. (a) GOEP has a ~~limit~~ limit on its Dev. budget. The central GOP has always insisted that anything additional should be worked into the total limit; in other words the GOP does not let the ICA ~~XXXXX~~ add to province funds but national government takes this over.

R. Patton suggests that we may be able to develop our program in the village largely through the use of the school teacher; the teacher is occupied only 2 day, is poorly paid, Rs.35.00 ~~p~~ up, have contact with the group that we are interested in, and notes, through absence from class, when children are sick.

Rs. 210000.00 -----

- (A) Importance of Disease to Community.
 - (B) Knowledge of Control of prevention method.
 - (C) Cost : (1) Staff. (2) Money.
-

APRIL 20TH - DACCA.

Receive aerogram from ICA/W.

Aerogram re. ICA-NIH-CRL enroute. Dr. James Watt, Director National

Heart Institute, expects to arrange visit GHL, May 22-23.

Yesterday, I had the task of looking over some notes proposing the development of a special type of medical education for Pakistan. It seemed to me that the points made in the proposal were contradictory and impossible of fulfillment; the proposal was based too much on hopes ~~of~~ and aspirations and on the personal relations now existing between 3 persons who, with the degrees of politics and the uncertainty of the conditions of the individual human life, cannot be expected to see the program there to ~~the~~ ^{thru} even the beginning of fruition.

APRIL 20TH - DACCA.

Lunch at JC's with Van Nuys and Headlee. We discuss, of course, the EMSI and ways and means of keeping it going as an active project here until such time as its ~~of~~ value is recognized. (The Government believes its function can be completed in another 2 or 3 years and that therefore, there should ~~not~~ be no need for the EMSI since all of the positions in the medical schools should be filled by that time.)

In the afternoon meet again with Dr. De Marchi of the WHO Area Office here and with Dr. Krech, an East German Doctor, now Swiss, who is here for the WHO ~~of to advise on~~.....

DM was a prisoner of war beginning in 1941 for several years. He was in India as POW and later came back to do work on tuberculosis in Pakistan for WHO.

APRIL 20TH -

Leave Karachi 23.30

APRIL 21ST :

Arrival Dacca 06.30.

" Died. James Leonard Hanberry, 86, the last survivor of Dr. Walter Reed's 1901 yellow fever experiment, which proved the theory that the scourge was carried by mosquitoes and not through miasmatic air; of cerebral arteriosclerosis; in Columbia, S.C. A lanky, 25-year-old U.S. Army private stationed in Cuba's Columbia Barracks, Hanberry spent 20 nights in a screened hut, sleeping in the clothing of dead yellow-fever victims without catching the disease, was moved to another isolated shack, where he was exposed to an Aedes aegypti mosquito, which bit him

End of
FLS P. 67
notes

on the knuckles of his right hand, was near death as he fought a 105° fever and lost 40 lbs., but finally survived to collect a \$300 bonus, a \$200-a-month lifetime pension and a special congressional medal. When asked why he volunteered, South Carolinian Hanberry replied: " It was the thing to do. " After his Cuban ordeal, Hanberry never again entered a hospital until last December."

Capt. Hussain 5265-6-7-8-9

PIDC - Information (R. Patton)

April 21st - Dacca :

At 12.15 to Government House where I had my first opportunity to ~~XXXX~~ ^{talk} to Minister General Burki. The meeting had been arranged by JK with CWE also present. JK ~~I~~ introduces the subject of Cholera and gives me a chance to explain the present situation which I do more or less along the lines of the document I had prepared addressed to the Minister and which I left with him.

At the end of the talk on Administration I take time to refer to the necessity of finding out about Cholera when it is not epidemic and cite the example of viscerotomy in yellow fever!

I emphasize for Burki the international character of the Cholera Research ~~XXXX~~ Program and the need for freedom of action. I point out that we can get money for individual projects once we have a proper setting for administration of the projects.

In his introduction of the subject of Cholera, JK refers to the problem of malaria eradication and indicates that just as the decision of USA to aid in malaria ~~app~~ depends on ability to ~~use~~ ^{use} funds to advantage, so is it necessary to have freedom of action in Cholera.

I emphasize ^{also} for B the fact that we are interested in prevention and eradication of cholera and not merely the study of the disease.

The Minister gives his promise to ^{set} ~~study~~ the cholera ~~XXXXXX~~ program up in any way ^I ~~on the~~ request ; just put down on paper and present to ^{him} ~~me~~ and everything will be done.

We remain for lunch at the Governor's Palace with the Minister, the Governor, the Governor's AD, CWE, JK, FLS and the Director of the Building of ~~Dams~~ and Water impounding operations in ~~(Eastern)~~ East Pakistan.

Wire Smadel approving early arrival (of) Metzner, 26th, April.

Accede to JK's request that I return to Karachi to be present at discussions of BMSI's future. Advise ^{against} meeting with Minister ~~XX~~ ^{in absence of} and lack of anything to negotiate at the present time.

APRIL 22nd - Saturday :

Morning at the office. Afternoon at home where I ~~XXXX~~ find I am able to work although I did not return to the office because of sleepiness due to two nights on the plane.

APRIL 23 : DACCA - SUNDAY :

~~pp/I/kp/w~~ Day on the income tax declaration.

APRIL 24th :

JLS and I go to report to the Additional Chief Secretary as he requested me to do (~~under case everything did not~~) in case ~~XXXXXXXXXXXX~~ everything did not run smoothly for the CRL. We arrived ^{at} eleven and expect ^{ed} for a short visit by Edwards and Mr. Wilson, who is to take Mr. ~~Litcher~~ ^{Leach's} position as Head Consultant in Agriculture; we had no interruptions except those from the telephone. I report that inspite of the solutions to all our problems announced at the meeting of April 15th, we are still with ^{out} a secretary, still have no typewriters and still have no Rs. with which to undertake work of any ~~account~~. ^{kind.}
^{Masuddin Ahmed}
~~MA~~ calls on his ~~own~~ assistants and tells them our problems must be solved :

- (a) Rent typewriters if necessary.
- (b) Find secretary and typist to suit and get the committee appointed. (I indicate that we have made arrangements to borrow 3 typewriters from the ICA and that we can find secretary OK if ^{cost} is raised.)

MA asks about my encounter with the Minister of Health, Labour and Welfare of which he has heard. I reply that I had seen the Minister with a proposal to rewrite the CRL agreement in such a way as to provide for ~~XX~~ UK participation; that I did not mention the problems we have dealt with in his committee. I also indicate that the Minister is willing to support the idea of autonomous agency according to my recommendations.

The additional Chief Secretary calls the Assistant Secretary of Health Labor and Welfare and asks him to see that we contact ~~with~~ a Mr. Rosario who

knows something about typists and secretaries and also indicates that we are to be taken to the office of the Director of Health Services. ~~£~~ This we could not avoid although we know by past experience that the Director ~~o~~ has no ideas regarding any solution for our problems. ~~£~~ We spent almost an hour with Brigadier Hyder all to no avail although I was hopeful that we had been taken there for a purpose.

On the way into the Director's office we met the Chief Liaison Officer of the Ministry of Finance who invites us to his office after we left Hyder's Office. (MH I had seen a few days ago in Karachi where he told me his return here would be delayed still further by a trip to Lahore. But here he is and very much interested in how we are getting along.) ~~With~~ When he learns that nothing has happened since the Mch. 29th meeting at which the Secretary of Finance said that a solution of our problems must be found, MH gets busy on ~~the~~ ~~phone~~ and starts some inquiries and gives some instructions which he believes will get money in our hands in a few days.

And ~~thus~~ thus, most of the day was ~~again~~ gone and we ~~fin~~ found ourselves at 15.30 finishing chicken sandwiches at the Shahbagh Hotel.

We take delivery of ^f 3 new Underwood typewriters from IOA on JK's instructions.

Receive request from the Secretary of the PAK Medical Research Council asking the CML to test a " new type vaccine for cholera " for the length of its efficiency as a vaccine. This new type of Vac. has been developed at the Bureau of Laboratories in Karachi and is expected to immunize for at least a year! Nothing is said about source of strains used in making vaccine and no details have been given of the test so ~~formed~~ ^{for made} (confirmed).

APRIL 25TH :

Receive via Hyder's office a report by Lieut Hasan of a visit made to some villages near Chittagong early in March, the 6th to be exact.

we received today with a request that we help establish a diagnosis. This outbreak is the one ^{we} ^{at} ~~way~~ learn of two months ago which in a Union with less than 8 thousand population, ^{caused} ~~caused~~ 573 deaths ~~according~~ ~~over~~ in about six weeks.

Finally today, 4 days after they left the USA, we learn that Cummins, Grant, and Mills, are coming here to negotiate the use of PL480 funds. Happily I advise ^d JES, some days ago, that there is nothing ^{do} ~~today~~ here now regarding

funds or making government agreement.

APRIL 26th : Dacca :

By request call on ~~CME~~ to discuss arrival of C, R and M, to negotiate regarding PL 480 Funds. I try to give story of NIH Overseas Operations in the past and the new draft ⁱⁿ based on action by Congress last year. (In 1960 Congress ~~created~~ ^{created} OI research but gave it no money. Cummins is the Director who is to take over on the first of July; Mr. ~~.....~~ ^{Grant} is the Assistant already in power ~~and~~ Mills is also on board.) We discuss the INCHD and its position in the scheme of things; it remains to be seen how long NIH will be able to operate ^{outside the} ~~labouisse~~ concentrated program.

I find myself in the center of the discussion regarding yellow fever vaccination in the Sudan. RT ^{source} has been scheduled to go for 45 days but CME does not want him ~~to have~~ ^{away} for such a long period: I insist that RT can ~~in two weeks~~ teach some ^{intelligent} person all he knows about the Jet gun in 14 days there, while at the same time getting through ^(your) or 4 guns in operation.

R. Patten says that he and M Hussain have ^{been} together (But intimates that he should be kept in on all of our negotiations with the GOEP. This is in connection with our visit of Monday to the Additional Chief Secretary and others. I explain, we had no intention of negotiating anything but only want to advise MA that his solutions were not solutions at all.) RP says his job helping us at the present time is really a job in connection with his future work with the Ford Foundation as Adviser to Governor ^{ment} in the position now occupied by Holinger.

I learn that the Miller House will be available in July. ^(September)

Mr. Metzner arrives and expresses the concern of Smadel and others about our failure to begin to spend NIH Funds.

JES and Mrs. M and Art Bauer to dinner.

During the day learn that my car which arrived in Chittagong on April 11th, arrived in Dacca on April 25th/ of which I have only one set!!
but without the/keys

Make a last appeal to MA regarding light fixtures in dining room and sitting room with a promise that we will be visiting next week by the Consul General and by the Head of USOM.

Letters received from JES through institution ~~on~~ postoffice before the copies come to hand through Metzner.

Niazi - Pakistan Med. Res. Council.

Cummins - Grant - Mills

26th Metzner - 90 days

Huber

Contrary to previous information.

APRIL 15th -

" For the fifth successive day yesterday (Friday), the tormenting heat wave held its sway all over East Pakistan. Aggravated by the blowing of hot moistureless winds all through the day, the sweltering heat became so oppressive that none dared go out in the street till the sun touched the fringe of the Western horizon." The above is the first paragraph of a weather report in today's paper entitled " 105° Parched City ~~SOARS~~ Gasps for Respite."

One thing I have learned in the last few days is what to do about asphalt highways which melt in the hot sun, as those in Dacca are doing this week. The technique is to scatter from ox carts or from trucks dust and soil over all of the soft spots so that the consistency is tough enough for the next time.

APRIL 27TH :

Learn from Metzner that Cummins is from Okla^{and} is to become the head of OIR on the first July. (The OIR, it seems, was established, but without funds by Congress last year: Grant has been made the Assistant Director and has been working on the project with a salary paid from other funds available to NIH. This year Congress has made Funds available and ~~the~~ plans have been made for the development of a field organization with 4 ^{REGIONAL} original offices: ~~one~~ *one* ~~in~~ Europe, one in Asia, one in Africa, and one in Latin America.

Learn that Gordon has accepted appointment to ~~go~~ ^{come} out to Dacca to study physiological chemistry of cholera (~~has~~ ^{has} idea that cholera attacks only those persons who already have something wrong with the intestine, possibly a ~~(possibility)~~ of sprue like condition. In any case G wants to come out with a young doctor to run the Clinical Ward at the Institute, with a nurse to do a really bang up job. Strangely enough I am all for it.

JES comes up with the proposal to increase the \$ for the CRL from the original SEATO fund.

Still no keys for the Ms; apparently lost in the mails between here and the port in the registered mail!

Learn that Anwar (Munawwar), the man we have been lining up for the position as administrative officer, has been offered the position with the labor office of ICA and since he is a labor worker of some 18 years' experience, it seems most probably that we ~~will~~ ~~lose~~ lose him.

APRIL 28TH :

Busy day day but no notes taken!

APRIL 29TH : Saturday .

Plan a day on papers but had the morning ~~ruined~~ ^{ruined} by a visit from Thomas ~~F. Power Jr.~~ ^{F. Power Jr.}, Representative of the UN ^{TA} in Pakistan. This man ~~demands~~ ^{admits} that he had visited my office in 1955 in the DC ~~to~~ but gives no hint of our conversation at that time. (He comes with a ~~representation~~ ^{statement} of cutting budgets ~~of~~ and being quite ~~describably~~ ^{agreeable} during the short time he has been in the country but I presume, He came with those orders ~~because~~ of a shortage of funds at the UN Headquarters. When I ask how many persons the UN has in East Pakistan, I get the answer of 32: which is ~~valid~~ ^{followed} by a list of the persons of ~~the~~ ~~UN~~ each of the UN organizations, FAO, WHO etc. And ~~so~~ ^{so} the old struggle goes on, a struggle which the ~~specialist~~ ^{specialized} organization may be expected to lose in the end; the UN gets the blame for the political discussions and bickerings at the headquarters in NY, where ~~as~~ ^{credit} the ~~credit~~ ^{credit} for the work in health, agriculture etc. goes to the organization, which do the work. (The UN attempted to take over through the TA Administration under Keenleyside years ago, then in 1954 took the TA funds away from the ~~specialist~~ ^{specialized} organizations and allowed them to the individual countries, and more recently instead of helping ~~to~~ ^{build up} ~~pay~~ large budgets for the organizations ~~to~~ ^{has} developed ~~the~~ ^{the} UN TA and special Funds) (In an interview published on May 1st but obviously given much earlier, Mr. ~~Power~~ ^{Power} ~~talk~~ ^{talk} about various programs and projects of FAO as ~~if~~ ^{if} the UN ~~are~~ ^{are} doing.) I tell TFP that we are very anxious to collaborate in every way possible with the WHO in any ~~.....~~ ^{studies it may} start here. He believes that a bacteriologist is coming from Taiwan shortly but does not know when the epidemiologist may be expected.

We talk with Power freely regarding our administration difficulties but indicate that we are sure ~~there~~ they are to be solved soon. (~~Sayed~~ ^{Sayed} Ahmed finally tells me he will be glad to purchase cloth for my office if I will

make a request for it; I tell him I do not expect to bother him with such minutiae; that when I get money I can spend freely myself, I will try to fix up my office.)

I ~~take~~ tea with SA and his group and with Mr. Power.

APRIL 30TH Sunday :

Plan a busy day at home on the revision of the agreement but get the morning ~~wasted~~ ^{wasted} ~~news~~ ^{news} by ~~11/11/61~~ ^{11/11/61} of the arrival of Lt. Com. Hyber less than an hour before the plane ~~arrives~~ ^{arr}. (H had not received the cable indicating that there is no cholera in Dacca.) H had recently been hunting sea serpents in the Pescadores where there are 9 or 11 different species. H tells an interesting story of how serpent carefully picks out a ~~middle~~ ^{needle} like tooth and fits it to the ^l under of the poison duct before driving it together with the poisoning into the flesh of the victim.

MAY 1ST :

Discussion with R Patton of the Manoevers he and M Hussain are going through to try to get a ~~road~~ ^{route} through which we can get and use ~~many~~ ^{money} leaves ~~leaves~~ (~~leaves~~) one almost more discouraged than ever.

Learn my car is ~~for~~ ^{off} the RR and at a ~~garriage~~ ^{garriage} garage but still no keys. I give the numbers so that new keys may be ordered from Stuttgart. Arrange with Mr. King ^{to} give the lunch ^o for ~~in~~ the ~~to~~ visiting firemen on Friday.

Receive ~~XXXXXXXXXXXX~~ interim report of JES as chairman of the NIH Cholera Advisory Committee composed of the following persons:

Burrows, Cheever, Goodner, Capt. Kingston, MacLeod, Col Mason Pease, Woodward.

Dacca - Possible use in Memoirs.

April - 29, 1961.

Dr. Eurique, Salodrigas, Evancton Ile.

~~XXXXXXXXXXXX~~

My Dear Dr. S:

Your ~~welcome~~ ^{welcome} letter of March 20 came almost a month ago..... A month, during which ~~of course~~ ^{has occurred} the unsuccessful ~~land~~ ^{land} landing on the beaches of Cuba..... A month in which the USSR has continued to build up and exploit the Military might of the Reds in ~~Laos~~ Laos while speaking soft words ~~of~~

of a cease fire..... We are isolated here and would know little of these news were it not for a transistor radio I brought along which gives ^{us} the BBC, the Voice of America, the Voice of the USSR, the Voice of Peking, Australia, etc. ~~and~~ With some programs available in ^{Spanish}..... We also get regular delivery of the current issues ^{of} Time and News ~~Week~~.....

You will ^{note} ~~not~~ I ~~had~~ ^{do} not mention the happenings in the Congo..... in ~~European~~ ^{the union} of South Africa ~~sp/ls/np/yp~~ ^{So soon}..... to become a Republic outside the sacred circle of the Commonwealth..... ~~in our~~ recent developments in Algeria..... (~~XXX~~ Juliet and I made trip to Joburg, Durban, Mosambique, Tanganyika, Kenya, Uganda, Sudan and Egypt in 1935-36, during WW II. I was stationed in Cairo and in Algiers and visited other areas ^{with} for a week in Jerusalem, during the British occupation preceding the creation ~~of~~ of Israel. I was back in the Sudan and in Uganda in 1945; in Uganda again in 1953 and spent six weeks in 1959 in ^{Leopoldville} ~~Leopoldville~~ and ^{Brazzaville} ~~Brasaville~~, Ghana and Liberia. We came twice to Asia for rather ^{extended} ~~short~~ visits in 1955-56 and in 1959.)

My first visit to Asia ^{caused} ~~cost~~ me to look at the Americas with more understanding than during the previous decade and a half. My understanding was ^{further} increased by some days in ^{Bogota} ~~Peristan~~ (~~XXXXXXXXXX~~) which I had ^{been in} ~~visited~~ since 1933,) during the Bogotazo of April 1948.

I cite the above experiences as an indication that I have had a chance to see something of the problems of the peoples of different parts of the world: unfortunately I ~~had~~ ^{do} not even pretend to know any of the answers.... but just as the problems which exist ^{ed} a generation ago in the USA, have, in part been solved through measures which have reduced the ^{gap} between different sections of our population, so ^{to} must ways be found ~~found~~ reducing the ^{gap} which exists between different population groups in other countries, and also the ^{gap} which exists between countries must be reduced. Both of these considerations are important and the achievement of one without the other cannot be considered as a satisfactory solution.....

Enough and more than enough of political philosophy which has continued until Sunday morning

It ^{is good} ~~is good~~ to know that you and yours are among the fortunate ones who have been able to adjust in the US and to know ~~that~~ your family is together.

.. FLS etc..

MAY 3RD - DACCA : FLS Diary.

The papers today report that Fidel ~~de~~ Castro has firmly declared ~~as~~ his government as part of the Communistic World; has announced that from now ~~on~~ there will be no elections which might be used by subversive elements for their own purposes but that he will depend on the will of the people as expressed by mass meetings such as that of May Day when some 3 m. people are said to have been in the crowd. (This final declaration today with the announced taking over of all schools ~~at~~ and universities including the Villam ~~manera~~ University ~~just~~ outside of Havana may help solidify ~~the~~ position of the continent against communism.)

Yesterday I finally found my car at the Dienfa Garage with a big dent in the left rear ~~welder~~ ^{fender} and a disjuncting of one shackle of the rear bumper. Also there was much more rust ~~operation~~ ^{apparent} on and about the engine than ~~any~~ any car should start the monsoon season with. (Mr. Schep says the MB Company wanted 15 days and 150 rs. to put the car in shape and I can believe it needs this ~~action~~ ^{kind} of treatment.)

I authorize the making of a new set of ~~keys~~ ^{key} from steel by hand valuing at rs. 10.00 per key.

We get the official action taken in appointment ~~met~~ ^{ing the Committee} to look after the needs of the CRL: Hyder, Chairman, Latif, Zaman, Islam and FLS as members. Yesterday JLS and Metzner met part of the afternoon with Hussain and Patton discussing the mandate for the committee.

~~KARACHI - FLPK-304 0600 May 16 to Rawalpindi: for Grant & Mills.~~

May 4th :

Visiting firemen Cummins ~~and~~ Grant and Mills arrive at 1100 as planned: indicate right away that they did not want to cause any trouble here and are not intending ~~to~~ on negotiating anything unless the moment be opportune.

We call on Brig. Hyder who finds us ~~145~~ ^{the less} 15 minutes late but who never offers us tea which, of course, we refuse. The group also meets Col. Mallack.

In the afternoon call on Mr. Nat King, the Am. Con. Gen., after which we go to the lab. and later to ~~the~~ ^{MOMIN} house with Dr. KAM as part of the Group.

C says that NIH has some 10thousand m. already ^{committed to} international projects very largely through ~~(during)~~ direct personal contacts and indicates that for

the first time a ^Neffort is ^{to} be made to get some order and system in the international field.

MAY 5TH : Lunch at the home of Mr. King - guests are C, M, G, Soper, JLS, Patton KAM, Mallack, Zaman, Huber and Islam.

Almost all day at the talking table answering a ^t few simple questions! Like why we cannot spend money when it belongs to us ?

MAY 6TH: ~~Learning~~ ^{morning} at office talking with C regarding WHO and its activities in the international research field. I learn that WHO expects to present for consideration a program of Cholera Research to ^{operate} in India costing some \$500000.

The proposal will come from Cohn who thinks that the USA cannot give funds to SEATO for the WHO is ready to take NIH funds for cholera. (In the meantime learn from C that there is a 50000 Rs. program for cholera research for India which is the sponsorship of Joe Smadel.)

I point out that the WHO is the instrument through which cholera eradication will have to be carried out and that I would not see ~~there~~ their efforts fail for US support. On the other hand I am against monopoly and believe that we try to keep others as well as ourselves from getting an ^{unduly} strong position.

I take delivery of MB by payment of about 13500Rs.

~~At~~ At Momin House: CE's, JLSs, D Pattons, Schulers, C, M, G, H, Metzner FLS, Bloods, King, Mrs. Ann Haynes and Art Bauer.

On the 4th Huber and Monsur went down ^(Munsingari) driver to a spot, where cholera has been reported recently in newspaper despatches; they return without seeing any evidence of the disease and learn that many reports now-a-days are ^{due} ~~about~~ to the knowledge that reports of cholera will bring orders for the installation of tubewells.

There has been news in recent days of cholera in Afghanistan.

Late in April, there were reports of increasing numbers of cases in Calcutta: on April 22, 172 patients were admitted to wards ~~of~~ ^{Infectious} of ~~the~~ disease Hospital as suspect cholera. Since April 12 over 400 cases have been carried by ambulances to hospitals with diagnosis of cholera.

On the evening of May 6th learn from CWE that the Minister of Health has inquired of JK why I have not come up with a draft agreement! I shall do so immediately if not sooner ^{after} ~~when~~ the visitors leave.

MAY 7TH :

Schrivver comes to town and I get Mandate to be available to see and talk with him at the office of ACG, ^{now} ~~on~~ (But the orders come from the Director of ICA.)

We arrive at the indicated time only Patton and myself of the ~~local~~ local boys being without tie and coat. ^{Now} ~~ever~~ the guest of honour ~~thought~~ ^{was} So little of us that he was an hour late; during the conversation it became apparent that he was late because of having gone to the opening number of the afternoon ~~raising~~ ^{racine} program.

Learn that the administration of the Peace Corps is to be semi-autonomous under the State Department. (This may mean, as CME believes, that he will have the headaches even though the ~~the~~ members of the Peace Corps are being assigned directly to the Pakistan Government)

Monday - May 8th - Dacca :

Ask CME to check in with K regarding date to see Minister; possibly I should have done it myself but I have not been ready until now.

Kidd, Ernest Allen and Cummins are on the committee to screen projects before they go to the technical boards ^{at NIH} for approval or disapproval.

(It seems likely that the project on ^{VIRUS} ~~various~~ diseases will not be ^{approved} ~~provided~~.
^{Person} ~~Person~~ C ^{talked} with in Geneva were Ansari, Bruce ^{Churatt} ~~Churitt~~, ~~Jim~~ Wright, Irvin Cohn (USA) and Cockburn (UK)

Proposals are to be expected in Cholera, Nutrition, Schisto and Leprosy.

Notes ~~of~~ on stock exchange of May 3rd, 61 :

Amop 67	HL BM 702
CEL. 4 1/2 79	ND PAC 44
Con Ins 60	So CAL 55
Crowell 44	So NJ 48
Dup 207	UN FT 20
Ekold 114	FWW 68
Sonotone 1100	Men 64
Pratt Lam 65	

MAY 8TH :

Early to the laboratory where the visiting firemen did not appear